



W - INLET
W' - DISCHARGE
AD - MAXIMUM SHEAVE WIDTH
(SEE OVERHUNG LOAD LIMIT K-24102)
AE - MINIMUM SHEAVE DIAMETER
(SEE OVERHUNG LOAD LIMIT K-24102)
ALL DIMENSIONS IN INCHES

INLET & DISCHARGE FLANGES TO
MATE FLUSH & SQUARE WITH
FLAT FACE FLANGE ONLY.
USE FULL FACE GASKETS.
V-BELT DRIVEN UNITS: MOTOR
TO BE LOCATED ON INLET SIDE
OF BLOWER.

A 5048V B 5048V C 5560V D 5767V
E 5986V F 6006V

FLG	5"	6"	8"	10"
OPENING	5"	6"	8"	10"
BOLT CIRCLE	8.50	9.50	11.75	14.25
FLANGE O.D.	10.00	11.00	13.50	16.00
No TAPPED HOLES	8	8	8	12
SIZE HOLES	3/4-10	3/4-10	3/4-10	7/8-9
TAP DEPTH	1.13	1.13	1.13	1.13

FRAME SIZE	A	A'	B	C	D	D'	E	E'	F	G	H	J	K	M	N	O	P	R	S	U	V	KEYWAY	W	W'	AA	AB	AD	AE	AF	APPROX WEIGHT
404	8.00	11.00	8.75	18.50	11.25	7.50	2.50	4.75	3.75	.38	44	2.50	2.00	5.95	3.48	16.63	12.00	9.00	4.50	1.50	2.75	.375X.188	3*NPT	3*NPT	6.00	7.63	3.06	7.10	15.25	230
406	"	"	10.75	20.50	"	"	"	"	4.75	"	"	"	"	6.95	"	"	"	"	"	"	"	"	4*NPT	4*NPT	"	"	"	"	"	260
409	"	"	13.75	23.50	"	"	"	"	6.25	"	"	"	"	8.45	"	"	11.00	"	"	"	"	"	"	"	5.50	"	"	"	"	300
412	"	"	16.75	26.50	"	"	"	"	7.75	"	"	"	"	9.95	"	"	"	"	"	"	"	"	6*FLG	6*FLG	"	"	"	"	"	360
418	"	"	22.75	32.50	"	"	"	"	10.75	"	"	"	"	12.95	"	"	"	"	"	"	"	"	8*FLG	8*FLG	"	"	"	"	"	440
612	11.00	17.00	16.75	28.24	15.00	9.00	4.00	7.00	7.31	.38	75	3.00	2.00	10.43	4.30	22.13	18.00	12.00	6.00	2.00	3.00	.500x.250	8*FLG	8*FLG	9.00	10.13	4.44	8.50	20.00	575
616	9.00	15.00	20.75	32.19	15.00	9.00	3.50	6.50	9.75	.38	56	2.50	2.00	12.41	4.30	22.00	14.50	12.00	6.00	2.00	3.63	.500x.250	8*FLG	8*FLG	7.25	10.00	4.44	8.50	20.00	650
624	"	"	28.75	40.19	"	"	"	"	13.75	"	"	"	"	16.41	"	"	"	"	"	"	"	"	10*FLG	10*FLG	"	"	"	"	"	775

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MFG. REF.:		SPEC SECTION:				ENGINEER CO.:				MAT'L:		PATT. No.		GEOMETRIC TOLERANCE PER: EP938		ORDER No.	
△	ADDED 612, UPDATED TO HOWDEN	MPM	1/25/16	16916V		MNM	CERTIFIED PURCHASE ORDER: PROJECT: LOCATION: EQUIPMENT No. : CERTIFIED BY: DATE (M/D/Y) :				DR. RDR	DIMENSIONAL TOLERANCES PER UNLESS OTHERWISE SPECIFIED T1		DO NOT SCALE FOR DIMENSIONS ALL DIMENSIONS SHOWN IN BRACKETS [] ARE MILLIMETERS			
△	REMOVED AA'	RDR		6484V		CHKD.BMS					T1: TWO PLACE DECIMALS (.XX) ±.015 THREE PLACE DECIMALS (.XXX) ±.005 FRACTIONAL ±1/64		T2: ANCHOR BOLT LOCATIONS ±.13 BLOWER INLET & DISCHARGE LOCATIONS ±.25 ALL OTHER DIMENSIONS REFERENCE		FINISH IN μ INCHES		
△	REV DIM "H" ON 600	RDR		6294V	BMS	AGP					APP. RDA	400/600 SERIES RAM (NON-WHISPAIR) RAM					THIRD ANGLE PROJECTION
△	REV DIM "AF" ON 600	RDR		6260V	BMS	AGP					DBV.						
REVISIONS		BY	DATE M/D/Y	CHANGE NOTICE	CHKD	APP	CAD FORMAT AUTO CAD	CAD FILE / DIRECTORY 78390A21 / XXAD	SCALE NTS	DATE M/D/Y	78390021 SHEET 1 OF X		REV L				

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